(610) 559-7918

p.2

Page 1 of 3

Attorney Docket No.: 103880-033 US ON DEGEARATION & POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled

METHOD AND SYSTEM FOR MAXIMIZING DATA THROUGHPUT RATE IN A POWER LINE COMMUNICATIONS SYSTEM BY MODIFYING PAYLOAD SYMBOL LENGTH

the specification of which was filed on August 19, 2003 as United States application Serial No. 10/643,316.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations §1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Applica	tion(s)		Priority Claimed
(Number)	(Country)	(Day/Month/Yr. Filed)	🗆 yes 🗀 no
(Number)	(Country)	(Day/Month/Yr. Filed)	□ yes □ no
I hereby claim the benef Application(s) listed belo	fit under 35 U.S.C. § 119( ow.	(e) of any United States Pr	ovisional
60/404,360 (Application Serial No	8/19/02 (Filing Date)		
(Application Serial No.	.) (Filing Date)		

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35. United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

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Attorney Docket No.: 103880-033 US Page 2 of 3

(Application Serial No.)	(Filing Date)	(Status) (patenled, pending, abandoned)
(Application Serial No.)	(Filing Date)	(Status) (patented, pending, abandoned)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punished by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

POWER OF ATTORNEY: As a named inventor, I hereby app	ooin
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>	Practioners Associated with the Customer Number:	23526
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as my/our attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

The undersigned hereby authorizes the U.S. attorney or agent named herein to accept and follow instructions from the Assignee of this application as to any action to be taken in the United States Patent and Trademark Office regarding this application without direct communication between the U.S. attorney or agent and the undersigned.

## **DIRECT TELEPHONE CALLS TO:** Davy E. Zoneraich (908) 25204282

FULL NAME OF SOLE OR FIRST INVENTOR: Oleg Logvino	
INVENTOR'S SIGNATURE:	DATE:
RESIDENCE: East Brunswick, NJ	CITIZENSHIP: USA
POST OFFICE ADDRESS: 27 Beacon Hill Road, East Bruns	wick, NJ 08816

p.9

p.4

Attorney Docket No.: 103880-033 US Page 3 of 3

FULL NAME OF SECOND INVENTOR: Dirk Walvis	
INVENTOR'S SIGNATURE:	DATE:
RESIDENCE: Santa Cruz, CA	_CITIZENSHIP: USA
POST OFFICE ADDRESS: 214 Calcita Drive, Santa Cre	JZ, CA 95060
FULL NAME OF THIRD INVENTOR: Brion Ebert	
INVENTOR'S SIGNATURE: 131/18/1	DATE: 9/8/04
RESIDENCE: Easton, PA	_CITIZENSHIP: USA
POST OFFICE ADDRESS: 3547 Glen Avenue, Easton,	
FULL NAME OF FOURTH INVENTOR: David Lawrence	€
INVENTOR'S SIGNATURE:	DATE:
RESIDENCE: Newton, NJ	CITIZENSHIP: USA
POST OFFICE ADDRESS: 59 Plumer Road, Newton, N	J 07860
FULL NAME OF FIFTH INVENTOR:	
INVENTOR'S SIGNATURE:	DATE:
RESIDENCE:	CITIZENSHIP
POST OFFICE ADDRESS:	

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Attorney Docket No.: 103880-033 US Page 1 of 3

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(Number)	(Country)	(Day/Month/Yr, Filed)	□ yes □ no
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hereby claim the bene Application(s) listed belo		19(e) of any United States Pr	ovisional
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Sep 17 2004 4:03PI 09/16/04 THU 21:07 FAX	1 ARKADOS 4082481445	INC.	ille / Walvis	908	769	0206
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(Application Se	ial No.) (	Filing Dat	e) (patent	(Status) ed, pending, at	pandon	 ed)
(Application Se	rial No.) (	Filing Dat	(patent	(Status) ted, pending, al	bandon	 ed)
I hereby declare the statements made statements were to are punished by find the States Code and application or any	on information a nade with the kn ne or imprisonm that such willful f	nd belief owledge ent, or bo alse state	are believed to l that willful false ith, under Sectio	statements on 1001 of 1	and fitte 1	the like so made 8 of the United
POWER OF ATT	ORNEY: As a na	med inve	ntor, I hereby a	ppoint		
	ers Associated with r Number:	the	235	526		
as my/our attorne in the Patent and	y(s) and/or agen Trademark Offic	it(s) to pro	osecute this apported therewith.	otication and	d trans	sact all business
follow instruction:	from the Assign d Trademark Off	ee of this fice regar	application as to ding this applica	any action	to be	ein to accept and taken in the United ect communication
DIRECT TELEPI Davy E. Zoneral	ONE CALLS TO	D: 0B) 2520	<b>42</b> 82			
FULL NAME OF	SOLE OR FIRS	T INVENI	OR: Olea Loa	vinov		
	SNATURE:	1			≣:	
	st Brunswick, N.			CITIZ	ZENS	HIP: <u>USA</u>
POST OFFICE A	DDRESS: 27 E	Beacon H	ill Road, East Bi	runswick, N	J 088	16
			·			
				BEST A	VAIL	ABLE COPY

р.З 19003

INVENTOR'S SIGNATURE:\_\_\_\_

RESIDENCE: Newton, NJ

DATE:

CITIZENSHIP: USA

Attorney Docket No.: 103880-033 US

Page 3 of 3

FULL NAME OF SECOND INVENTOR: Dirk Walvis
INVENTOR'S SIGNATURE: DIRK Walvis
RESIDENCE: Santa Cruz, CA
POST OFFICE ADDRESS: 214 Calcita Drive, Santa Cruz, CA 95060

FULL NAME OF THIRD INVENTOR: Brion Ebert
INVENTOR'S SIGNATURE: DATE:
RESIDENCE: Easton, PA
CITIZENSHIP: USA
POST OFFICE ADDRESS: 405 Canal Park, Easton, PA 18042

FULL NAME OF FOURTH INVENTOR: David Lawrence

Attorney Docket No.: 103880-033 US Page 1 of 3

COMBINATION DECLARATION & POWER OF ATTORNEY

a below named inventor, I hereby declare that:

10 2004 1:12PM

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Attorney Docket No.: 103880-033 US Page 2 of 3

(Application Serial No.)	(Filing Date)	(Status) (patented, pending, abandoned)
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## **DIRECT TELEPHONE CALLS TO:**

Davy E. Zoneraich

(908) 25204282

FULL NAME OF SOLE OR FIRST INVENTOR: Otag Logvinos	/	
INVENTOR'S SIGNATURE:	DATE: _	9/10/04
RESIDENCE: East Brunswick, NJ	CITIZEN	SHIP: <u>USA</u>
POST OFFICE ADDRESS: 27 Beacon Hill Road, East Brunswick, NJ 08816		

Attorney Docket No.: 103880-033 US Page 3 of 3

FULL NAME OF SECOND INVENTOR: Dirk Wal	<u>vis</u>	
INVENTOR'S SIGNATURE:	DATE:	
RESIDENCE: Santa Cruz, CA		
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·		
FULL NAME OF THIRD INVENTOR: Brion Ebert		
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POST OFFICE ADDRESS: 59 Plumer Road, Newton, NJ 07860		
FULL NAME OF FIFTH INVENTOR:		
INVENTOR'S SIGNATURE:	DATE:	
RESIDENCE:	CITIZENSHIP:	
POST OFFICE ADDRESS:		